Risks used in CSCI 413 Project

1. Requirements risk type
   1. Project
      1. Requirements change: New requirements change from each completed chapter.
         1. Probability: Very High
         2. Seriousness: Tolerable
         3. Strategy: We had a minimization plan where each group member had to do individual parts, lightening the load and minimizing catastrophes.
      2. Software unavailability: Workers will not be able to download the necessary software for the project.
         1. Probability: Very Low
         2. Seriousness: Tolerable
         3. Strategy: We had a contingency plan where if the software was not available to one user, we were able to provide the software elsewhere for the user to work on the project.
      3. Specification delays: Specifications of essential data are not available on schedule
         1. Probability: Low
         2. Seriousness: Insignificant
         3. Strategy: We would minimize this by having constant updates on what is done and if any parts are not completed yet or need to be extended past the original date, we would work more on the part needed to be completed.
   2. Product
2. CASE tool underperformance: CASE tool does not perform as expected.
   * + 1. Probability: Very Low
       2. Seriousness: Tolerable
       3. Strategy: We had a contingency plan where if one CASE tool; a system software as an example; were to fail, then we already had another system software to use so the product can be made on time.
3. Requirements updates: Were not given all specified requirements necessary for the product.
   * + 1. Probability: High
       2. Seriousness: Insignificant
       3. Strategy: We would minimize this by seeing waiting by schedule; since each new requirement was given after the chapter; to see what the new requirement is and who can best perform the requirement.
4. People risk type
   1. Project
5. Skill underestimate: the skill of group members were not able to perform specific tasks.
   * + 1. Probability: Low
       2. Seriousness: Tolerable
       3. Strategy: If a member could not perform a specific task due to lack of knowledge/skill, the task was distributed to a member who was able to perform said task.
6. Hardware unavailability: Hardware is unavailable to one or more members of the group.
   * + 1. Probability: Low
       2. Seriousness: Tolerable
       3. Strategy: If a member did not have the hardware; a computer for example; available or had hardware with lack of resources, other members would be able to support that specific member.
7. Organizational risk type
   1. Project
8. Scheduling issue: Difficulty of scheduling meetings where all of every group member is present.
   * + 1. Probability: Moderate
       2. Seriousness: Tolerable
       3. Strategy: We have a contingency plan where if one or more members would not be able to attend the meeting, the members that would show up would tell the members that were unavailable.